ANNIE - Support #25658

ANNIE 2021 computing request for FCRSG

03/17/2021 12:36 PM - Arthur Kreymer

Status:	New	**Start date:**	03/17/2021
Priority:	Normal	**Due date:**	03/26/2021
Assignee:	Benjamin Richards	**% Done:**	20%
Category:		**Estimated time:**	10.00 hours
Target version:		**Spent time:**	2.00 hours

Description
This issue is to discuss the official request for ANNIE computing at Fermilab for 2021 onward

Related issues:			
Copied from ANNIE - Support #24151: ANNIE 2020 computing request	**New**	**03/07/2020**	**05/04/2020**

History

#1 - 03/17/2021 12:36 PM - Arthur Kreymer

- Copied from Support #24151: ANNIE 2020 computing request added

#2 - 03/17/2021 12:40 PM - Arthur Kreymer

Ben, Marcus and Arthur discussed this 2021/03/17 around 11:00 CDT via zoom.
Ben had draft slides ready.
Arthur will provide links to the current dCache and Enstore tape information.
I will post the original email invitation here as a separate entry.

#3 - 03/17/2021 12:53 PM - Arthur Kreymer

From: Margaret Votava <votava@fnal.gov>
To: cs-liaison <cs-liaison@fnal.gov>
CC: sppm-prep <sppm-prep@listserv.fnal.gov>
Subject: FCRSG
Date: Fri, 5 Mar 2021 21:54:54 +0000

Dear Liaisons,

FCRSG planning is done - very sorry it is so late.
The charge has evolved over the last year and I am attaching it to this email.

- The four experiments that will be running in 2025
  DUNE, CMS, SBN, and mu2e, will need to present their computing models
  in addition to their resource requests.

- We would like just resource requests presentations from
  micrboone, DES/Ruben (combined), NOvA, and muon g-2.

- All others should just provide the slide deck if you want to continue
  using resources over the next few years, but won't be presenting.

The review agenda is here.
<https://indico.fnal.gov/event/47845/manage/timetable/#20210330>

The template is actually using DUNE numbers as an actual use case,
so DUNE does not have to fill in 2019 numbers/plots in their tables.

What we need from your experiment:

- Copy the template example slides from here.
  <
  https://fermipoint.fnal.gov/project/sppm/Working%20Group%20Documents/FCRSG-2021-Template.pptx?d=3Dw973af0b5ce1e4df8b219762048
  89f34e&csf=3D1&e=3Dn9LAL0>

Please remember to use the notes view so you can see additional information.

- Replace all the plots with the plots for your experiment.
  Updated plots can be found here
  <https://fifemon.fnal.gov/monitor/d/r6UDhH-iz/sppm-sc-pmt-prep?orgId=3D1>.

- Replace all the CY20 usage numbers with those found in the spreadsheet
  located in this directory
  <https://fermipoint.fnal.gov/project/sppm/Working%20Group%20Documents/Forms/2021prep.aspx>.
  These numbers were extracted from the plots in the above link.

- Update all tables with your estimates for 21/22/23

- Update all slides as indicated by the yellow arrows.

- When completed, upload your slidedeck here
  <https://fermipoint.fnal.gov/project/sppm/Working%20Group%20Documents/Forms/2021pres.aspx>.
  Please use a consistent naming convention, eg :FCRSG 2020 - <experiment>.ppt

- Please have a first draft of slides uploaded by March 19th,
  so we have time to digest before the March 29th Review.

As a reminder, the tentative review agenda can be found here
<https://indico.fnal.gov/event/23475/>.

Please let me know who your presenters are.

Thank you all for cooperation during this unusual scheduling year.

Margaret

#4 - 03/17/2021 12:55 PM - Arthur Kreymer

- % Done changed from 10 to 20

On the Fermilab VPN, dCache usage is show at these links

Persistent dCache
https://fndca.fnal.gov/cgi-bin/du_cgi.py

Allocation is 49200 GiB

Persistent dCache breakdown in FIFEMON / Landscape
https://landscape.fnal.gov/monitor/d/000000175/dcache-persistent-usage-by-vo?orgId=1&var-VO=annie

Allocation is 48 TB

Enstore per-user breakdown
https://fndca.fnal.gov/cgi-bin/space_usage.py
This seems to show usage by only users
annieraw 99 TB
anniepro 9 TB

Enstore tape quotas and usage
https://www-stken.fnal.gov/enstore/tape_inventory/VOLUME_QUOTAS
This is tape counts, allocated and used
Annie shows
CD-10KDF1 10 - 10 89793 GB
CD-LTO8G2 2 - 2 17979 GB

NAS file systema usage is gotten with df :

```
$ df -h /annie/data
Filesystem       Size  Used Avail Use% Mounted on
blue3:/annie/data  4.0T  3.9T  110G  98% /annie/data

$ df -h /annie/app
Filesystem                Size  Used Avail Use% Mounted on
if-nas-0.fnal.gov:/annie/app  2.0T  2.0T   30G  99% /annie/app
```